<u>What is claimed is:</u>

1. A method for computer booting, which disposes a fingerprint recognition module connected with a fingerprint input module on a motherboard of a computer and executes a fingerprint input process stored in a basic input/output system (BIOS) during booting or resetting the computer, the method comprising:

inputting a fingerprint image signal via the fingerprint input module;

sending the fingerprint image signal to the fingerprint recognition module to produce a recognition code; and

comparing the recognition code with at least a pre-stored recognition code to produce a comparison result, wherein the comparison result is used to determine if booting the computer is permitted.

2. The method as claimed in claim 1, wherein, in the step of inputting the fingerprint image signal, the fingerprint image signal is stored in the BIOS, a non-volatile memory or a hard disk.

3. The method as claimed in claim 1, wherein the step of sending the fingerprint image signal to the fingerprint recognition module to produce the recognition code further comprises:

abstracting at least a feature value from the fingerprint image signal; and

encoding the feature value to form the recognition code.

4. The method as claimed in claim 1, wherein the step of comparing the

recognition code with the pre-stored recognition code employs the fingerprint recognition module to compare the recognition code with the pre-stored recognition code

5. The method as claimed in claim 1, wherein the step of comparing the recognition code with the pre-stored recognition code to produce the comparison result used to determine if booting the computer is permitted further comprises:

continuing a booting process if the comparison result shows that the recognition code matches the pre-stored recognition code; and

requesting another fingerprint input or shutting down the computer if the comparison result shows that the recognition code doesn't match the pre-stored recognition code.

6. A method for computer booting, which disposes a fingerprint recognition module connected with a fingerprint input module on a motherboard of a computer and executes a fingerprint pre-storing process stored in a basic input/output system (BIOS) during booting or resetting the computer, the method comprising:

providing a username;

employing the fingerprint input module to provide a fingerprint image signal;

sending the fingerprint image signal to the fingerprint recognition module to produce a recognition code;

storing the recognition code as a pre-stored recognition code corresponding to the username; and

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resetting the computer.

7. The method as claimed in claim 6, wherein the BIOS is an electrically erasable programmable read-only memory (EEPROM) having a storage region for storing the pre-stored recognition code.

8. The method as claimed in claim 6, wherein the BIOS is a flash memory having a storage region for storing the pre-stored recognition code.

9. The method as claimed in claim 6, wherein, in the step of storing the recognition code, the pre-stored recognition code is stored in a non-volatile memory or a hard disk.

10. The method as claimed in claim 6, wherein, in the step of sending the fingerprint image signal, the fingerprint image signal is stored in the BIOS, a non-volatile memory or a hard disk.

11. The method as claimed in claim 6, wherein the step of sending the fingerprint image signal to the fingerprint recognition module to produce the recognition code further comprises:

abstracting at least a feature value from the fingerprint image signal; and

encoding the feature value to form the recognition code.

12. The method as claimed in claim 6, comprising:

choosing an item of a menu of the BIOS to execute the fingerprint pre-storing process.

13. The method as claimed in claim 6, comprising:

pressing a hot key of a keyboard to execute the fingerprint pre-storing process.

14. A computer motherboard, comprising:

a BIOS having a booting process;

a fingerprint input module used to input at least a first fingerprint image; and

a fingerprint recognition module electrically connected with the fingerprint input module and the BIOS for abstracting a feature value of the first fingerprint image and encoding the feature value to form a recognition code;

wherein, during computer booting, the booting process is able to control the fingerprint recognition module to compare the recognition code with at least a pre-stored recognition code to produce a comparison result used to determine if computer booting is permitted to continue.

15. The computer motherboard as claimed in claim 14, wherein the BIOS is an EEPROM having a storage region for storing the pre-stored recognition code.

16. The computer motherboard as claimed in claim 14, wherein the BIOS is a flash memory having a storage region for storing the pre-stored recognition code.

17. The computer motherboard as claimed in claim 14, wherein the BIOS further has a fingerprint pre-storing process used to input at least a second fingerprint to provide the pre-stored recognition code, and wherein the pre-stored recognition code is stored in a non-volatile memory, via the fingerprint input module and the fingerprint recognition

module.

18. The computer motherboard as claimed in claim 14, wherein the fingerprint input module is disposed on a computer housing and connected with the fingerprint recognition module of the computer motherboard via a fingerprint transmission line.

19. The computer motherboard as claimed in claim 14, wherein the fingerprint input module is disposed on a computer keyboard and connected with the fingerprint recognition module of the computer motherboard via a fingerprint transmission line combined with a transmission line of the keyboard.

20. The computer motherboard as claimed in claim 14, wherein the fingerprint input module is disposed on a mouse and connected with the fingerprint recognition module of the computer motherboard via a fingerprint transmission line combined with a transmission line of the mouse.

21. The computer motherboard as claimed in claim 14, wherein the fingerprint input module further comprises:

a fingerprint scanner 34 used to input the first fingerprint image; and

an analog/digital (A/D) converter used to convert the first fingerprint image into a digital fingerprint image signal.

22. The computer motherboard as claimed in claim 14, wherein the fingerprint recognition module is a fingerprint recognition integrated circuit (IC).

23. The computer motherboard as claimed in claim 14, wherein the fingerprint recognition module further comprises:

a fingerprint encoder used to abstract the feature value of the first fingerprint image and encode the feature value to form the recognition code; and

a fingerprint comparator used to compare the recognition code with the pre-stored recognition code to produce the comparison result.

24. The computer motherboard as claimed in claim 14, further comprising:

a storage device electrically connected with the fingerprint recognition module to store the first fingerprint image and the pre-stored recognition code.

25. The computer motherboard as claimed in claim 24, wherein the storage device is a non-volatile memory or a hard disk.

26. The computer motherboard as claimed in claim 25, wherein the non-volatile memory is a flash memory.

27. The computer motherboard as claimed in claim 14, further comprising:

a transmission interface disposed on the computer motherboard to electrically connect the fingerprint recognition module with the fingerprint input module.

28. The computer motherboard as claimed in claim 27, wherein the transmission interface is a universal serial bus (USB), an IEEE1394 interface, a RS-232 interface, a PS2 interface or a parallel port interface.